| Index of Cla | aims          | Appl  | icatio | n No.        |      | Applicant(s)  |  |  |  |  |
|--------------|---------------|-------|--------|--------------|------|---------------|--|--|--|--|
|              |               |       | 71,01  | 5            |      | WILSON ET AL. |  |  |  |  |
|              |               |       | niner  |              |      | Art Unit      |  |  |  |  |
|              | San           | h D P | hu     |              | 2682 |               |  |  |  |  |
| √ Rejected   | _ (Through no |       | N      | Non-Elected  | A    | Appeal        |  |  |  |  |
| = Allowed    | ÷ Restric     | ted   | _      | Interference | o    | Objected      |  |  |  |  |

| Cla         |          | n Date   |              |  |   |              |          |                | Claim Date                                       |           |     |  |          |   |                 |          |                 | CI       | aim      | Date     |          |              |     |          |            |  |  |          |            |               |           |               |          |          |
|-------------|----------|----------|--------------|--|---|--------------|----------|----------------|--|-----------|-----|--|----------|---|-----------------|----------|-----------------|----------|----------|----------|----------|--------------|-----|----------|------------|--|--|----------|------------|---------------|-----------|---------------|----------|----------|
| On          |          |          |              |  |   |              |          |                |  | Date      |     |  |          |   |                 |          |                 |          |          |          |          | Date         |     |          |            |  |  |          |            | $\dashv$      |           |               |          |          |
| Final       | Original | 4/2.5/et |              |  |   |              |          |                |  |           |     | Final  | Original |   |                 |          |                 |          |          |          |          | i            |     | Final    | Original   |  |  |          |            |               |           |               |          |          |
| $\vdash$    | 1        | J        | ╁╴           |  | -   | ╁            |          | 1              | -  | H         |     |  | 51       |   |                 | -        | _               |          | $\dashv$ | -        | -        |              |     |          | 101        |  |  |          | -          | $\dashv$      | $\dashv$  | $\dashv$      |          | $\dashv$ |
|             | 2        | V        |              |  | -   |              | 1        | T              |  | H         |     |  | 52       |   |                 |          |                 | $\neg$   |          | 一        | $\neg$   |              | l   |          | 102        |  |  | _        |            |               |           |               | 寸        | $\dashv$ |
| <u> </u>    | 3        | V        | f            |  |   | T            | †        | 1              |  | Н         |     |  | 53       |   |                 | $\neg$   | 寸               | 一        | ヿ        | $\neg$   |          |              |     |          | 103        |  |  |          |            |               |           |               | $\neg$   | $\neg$   |
|             | 4        | 1        | t            |  | $\vdash$  | T            | $\vdash$ | 1              | -  | П         |     |  | 54       |   |                 | $\neg$   |                 |          | ヿ        | ヿ        |          |              |     |          | 104        |  |  |          |            |               |           | 寸             | $\neg$   | $\neg$   |
|             | 5        | =        |              |  |   | 1            | T        | T              |  |           |     |  | 55       |   |                 |          | T               |          |          |          |          |              |     |          | 105        | -  |  |          |            |               |           | ヿ             | 寸        | $\neg$   |
|             | 6        | =        | T            |  |   |              |          |                |  | П         |     |  | 56       |   |                 |          | T               |          | $\neg$   |          |          |              |     |          | 106        |  |  |          |            |               |           | T             | 丁        |          |
|             | 7        | Ξ        | Π            |  |   |              | П        |                |  |           | -   |  | 57       |   |                 |          |                 |          |          |          |          |              | ``  |          | 107        |  |  |          |            |               |           |               |          |          |
|             | 8        | ~        |              |  |   |              |          |                |  |           |     |  | 58       |   |                 |          |                 |          |          |          |          |              |     |          | 108        |  |  |          |            |               |           |               |          |          |
|             | 9        | Ν        |              |  |   |              |          |                |  |           |     |  | 59       |   |                 |          |                 |          |          |          |          |              |     |          | 109        |  |  |          |            |               |           |               | $\Box$   |          |
|             | 10       | Μ        |              |  |   | L            |          |                |  |           |     |  | 60       |   |                 |          |                 |          |          |          |          |              |     |          | 110        |  | Щ  |          |            |               |           |               | Ц        |          |
|             | 11       | Ν        | $\Box$       |  |   | $\Box$       |          |                |  | Ш         |     | igsqcup  | 61       | $\Box$  |                 |          |                 | [        | [        |          |          |              |     | L        | 111        |  |  |          |            |               |           |               | $\Box$   |          |
| <u> </u>    | 12       | L        |              | _  | L   | <u> </u>     | _        | $\perp$        | _  | Ш         |     | <u> </u>   | 62       | L   |                 |          |                 |          |          |          |          |              |     |          | 112        |  |  |          |            | ш             |           |               | _        | _        |
| <u> </u>    | 13       | _        | _            | _  |   | <del> </del> | ↓_       | 1_             |  | Ш         |     | L  | 63       | <u> </u>  | $\Box$          | _        | Щ               |          | _        | _        |          |              |     |          | 113        | Ш  | Ш  |          | Ш          |               |           |               |          |          |
|             | 14       | <u> </u> | <b>I</b>     | <u> </u>   | <u> </u>  | <b> </b>     | 1        | 1              | <u> </u>   | $\square$ |     | <u> </u>   | 64       | <u> </u>  | $\Box$          | $\dashv$ | $\sqcup$        | _        |          | _        | _        |              | ļ   |          | 114        |  | Ш  | _        | <u> </u>   | Щ             | _         | $\dashv$      |          | $\dashv$ |
| <u> </u>    | 15       | L        | <u> </u>     | <u> </u>   |   | <u> </u>     | -        | -              | _  | Ш         |     |  | 65       | _   |                 | _        | $\dashv$        | _        | $\dashv$ |          | _        |              | l   |          | 115        |  | _  |          |            |               | _         |               | $\dashv$ | $\dashv$ |
| <u> </u>    | 16       | L        | 1            | $\vdash$   | <u> </u>  | <del> </del> |          |                |  | Н         |     | $\vdash$   | 66       | <u> —                                   </u>      | Н               | -        | $\dashv$        |          |          | $\dashv$ | $\dashv$ | ļ            | ł   | <u> </u> | 116<br>117 | <u> </u>   | $\vdash\vdash$                                   | _        | $\vdash$   | $\vdash$      |           | $\rightarrow$ | $\dashv$ |          |
| <u> </u>    | 17       | ⊢        |              |  | L   | ┡            | -        | ┼              |  | Н         |     | <u> </u>   | 67       | _   | -               |          | -               | $\dashv$ |          | -        | _        |              | ٠.  |          | 117        | ⊢  | _  | _        | $\vdash$   | Н             |           |               | $\dashv$ | $\dashv$ |
|             | 18       | ⊢        | +            | <u> </u>   |   | ╀            | ├        | <del> </del> - | H  | H         |     |  | 68       | -   | Н               |          | $\dashv$        | $\dashv$ |          |          | _        | _            | 4.  |          | 119        | -  | $\vdash$   | _        | -          |               | _         | -             |          |          |
|             | 19<br>20 | -        | +            | -  |   | ╄            | ╀        | ┼              | ⊢  | Н         |     |  | 69<br>70 | -   |                 | $\dashv$ |                 | $\dashv$ | $\dashv$ |          | _        |              |     |          | 120        | ⊢  | H  | _        | -          | Н             | -         | $\vdash$      | $\dashv$ | -        |
|             | 21       | ⊢        | +-           | -  | ⊢   | ╁            | ╁        | ┼              | ⊢  | -         | . : | -  | 71       | -   |                 | -        | $\dashv$        |          |          | -        | $\vdash$ | _            |     |          | 121        |  |  | -        | -          | Н             |           |               | -        | $\dashv$ |
|             | 22       | -        | <del> </del> |  | -   | ╁            | ┼-       | ╁              | -  | -         |     |  | 72       | -   | -               | $\dashv$ | $\dashv$        |          | $\dashv$ | $\dashv$ | -        | -            | . , |          | 122        |  | H  |          | -          |               | Н         |               | $\dashv$ | $\dashv$ |
| -           | 23       | -        | +            | H  | ⊢   | ┼            | ┼        | ╁              | ┢  |           |     |  | 73       | ├─  | Н               | $\dashv$ | -               |          | ┪        | -        | -        | _            |     |          | 123        | $\vdash$   | Н  |          | $\vdash$   | -             |           | -             | $\dashv$ | $\dashv$ |
| $\vdash$    | 24       |          | ╁            | $\vdash$   | -   | ┿            | ╁        | ╁              | ⊢  |           |     |  | 74       | H   | $\vdash$        | $\dashv$ |                 | $\dashv$ | $\dashv$ | $\dashv$ |          |              |     |          | 124        | _  |  | -        | $\vdash$   |               |           |               | -        | $\dashv$ |
| -           | 25       | -        | ╁            | -  | -   | ╁╌           | ╁        | +              | -  | <b>-</b>  |     |  | 75       | $\vdash$  | $\vdash$        | $\dashv$ |                 | $\dashv$ | $\dashv$ |          |          |              | l   |          | 125        | -  | Н  |          | $\vdash$   |               |           |               | $\dashv$ | $\dashv$ |
| -           | 26       |          | $\vdash$     | -  |   | $\vdash$     | $\vdash$ | $\vdash$       | $\vdash$   | $\vdash$  |     |  | 76       |   | $\vdash$        | $\dashv$ |                 | $\dashv$ | 一        |          |          |              |     |          | 126        | -  | $\vdash$   |          |            |               |           |               | 一        | $\neg$   |
| <u> </u>    | 27       | H        | t            | $\vdash$   |   | $\vdash$     | +        | +              |  |           |     |  | 77       | $\vdash$  |                 |          |                 | 一        | 一        | $\neg$   |          |              |     |          | 127        |  |  | _        |            |               |           |               | 寸        |          |
|             | 28       |          | T            |  |   | 1            |          | †              |  |           | ÷   |  | 78       | _   |                 |          |                 | T        | $\neg$   |          |          |              |     |          | 128        |  |  |          |            |               |           |               | ヿ        | $\Box$   |
|             | 29       |          | $\top$       |  |   | Τ            | Τ        | $\vdash$       | Г  |           |     |  | 79       |   |                 |          |                 |          | $\neg$   |          |          |              | 1   |          | 129        |  |  |          |            |               |           |               |          |          |
|             | 30       | Г        |              |  |   | T            | 1        | Π              |  |           |     |  | 80       |   |                 |          |                 | $\neg$   | コ        |          |          |              | 1   |          | 130        |  |  |          |            |               |           |               |          |          |
|             | 31       |          | Γ            |  |   |              |          |                |  |           | -   |  | 81       |   |                 |          |                 |          |          |          |          |              |     |          | 131        |  |  |          |            |               |           |               |          |          |
|             | 32       |          |              |  |   |              | $\Box$   |                |  |           |     |  | 82       |   |                 |          |                 |          |          |          |          |              |     |          | 132        |  |  |          |            |               |           |               |          |          |
|             | 33       | 匚        |              |  |   |              |          | $\Box$         |  |           |     |  | 83       |   |                 |          |                 |          | ]        |          |          |              |     |          | 133        |  | L_]  | <u> </u> | $\Box$     | Щ             |           | $\Box$        |          |          |
|             | 34       |          |              |  |   |              | L        |                | L  | Ш         |     |  | 84       | _   | Ш               |          |                 |          |          | $\Box$   |          | L.,          |     |          | 134        | L.   | Щ  |          | lacksquare |               |           |               |          |          |
|             | 35       |          | <u> </u>     | <u> </u>   | <u> </u>  | 1_           | 1_       | 1_             |  | Ш         |     |  | 85       | <u> </u>  | $\sqcup$        |          |                 | _        | _        | _        |          |              | ŀ   | <u> </u> | 135        | Ш  | Щ  |          |            | Щ             | Щ         | $\Box$        | _        |          |
|             | 36       | <u> </u> | ↓_           | ldash  | $ldsymbol{ld}}}}}}}$ | ↓_           | ↓_       | $\vdash$       | <u> </u>   | Ш         |     |  | 86       | <u> </u>  |                 |          |                 | _        | _        | _        | Щ        |              | ŀ   | <u> </u> | 136        | L.,  | <u> </u>   |          | <u> </u>   | $\sqsubseteq$ | $\sqcup$  |               | <b>-</b> |          |
|             | 37       | $\vdash$ | $\vdash$     |  | <u> </u>  | ـــ          | ↓_       | 1              |  | Щ         |     |  | 87       | <u> </u>  | $\vdash$        | _        | $\square$       | _        | _        | _        | Щ        |              |     |          | 137        |  | Н  | _        | $\vdash$   | $\vdash$      | $\square$ | $\dashv$      |          |          |
|             | 38       | <u> </u> | ┞-           | <u> </u>   | <u> </u>  | ₩            |          |                | $\vdash$   | Н         |     |  | 88       | _   | $\vdash \vdash$ |          |                 | _        |          | $\dashv$ | $\Box$   | -            | İ   |          | 138        | <u> </u>   | $\vdash$   | _        | $\vdash$   | $\vdash$      |           |               |          |          |
|             | 39       | -        | <del> </del> | <u> </u>   | <u> </u>  | ┼            | ╀-       | +-             | H  | Н         |     | <u> </u>   | 89       | $\vdash$  | Н               | $\dashv$ | $\dashv$        | [        |          |          |          |              |     |          | 139        | ├  | -  | _        |            | $\vdash$      | _         | $\vdash$      | $\dashv$ | $\dashv$ |
| <u> </u>    | 40       | -        | -            | $\vdash$   | _   | $\vdash$     | -        | +-             | -  | Н         |     | <u> </u>   | 90<br>91 | $\vdash$  | $\vdash\vdash$  | $\dashv$ | $\vdash$        | $\dashv$ |          |          | -        | H            |     | <u> </u> | 140<br>141 | <u> </u>   | $\vdash$   | <u> </u> | -          | Н             |           | $\vdash$      |          |          |
| <del></del> | 41       | ⊢        | $\vdash$     | $\vdash$   | $\vdash$  | ╁            | +-       | $\vdash$       | $\vdash$   | $\vdash$  |     |  | 91       | $\vdash$  | $\vdash$        | $\dashv$ | $\vdash$        |          |          | $\dashv$ | $\vdash$ | <u> </u>     | ŀ   | ļ        | 141        |  | $\vdash$   | $\vdash$ | H          | Н             | -         |               | $\dashv$ | $\dashv$ |
| <u> </u>    | 42       | -        | ⊢            |  | -   | $\vdash$     | $\vdash$ | ╀              | -  | H         |     | <del> </del>                                     | 93       | $\vdash$  | $\vdash$        | -        | $\vdash$        | $\dashv$ | -        | $\dashv$ | -        | <u> </u>     | ł   |          | 143        | $\vdash$   | $\vdash$   | -        | $\vdash$   | $\vdash$      | -         | $\vdash$      | $\dashv$ | $\dashv$ |
|             | 43       | ┢        | ╁            | $\vdash$   | ⊢   | 1            | 1-       | $\vdash$       | $\vdash$   | $\vdash$  |     | <del>                                     </del> | 94       | $\vdash$  | $\vdash$        | $\dashv$ | $\vdash$        |          | $\dashv$ | $\dashv$ | $\vdash$ | <del> </del> | ł   |          | 144        | $\vdash$   |  |          | $\vdash$   | $\vdash$      |           | $\vdash$      | $\dashv$ | $\dashv$ |
| <u></u>     | 45       | -        | $\vdash$     | -  | -   | +-           | $\vdash$ | +              | -  | -         |     |  | 95       | -   | $\vdash$        | $\dashv$ | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -            | 1   | $\vdash$ | 145        | -  | H  |          | $\vdash$   | Н             | $\vdash$  | $\dashv$      | $\dashv$ | $\dashv$ |
| -           | 46       | $\vdash$ | $\vdash$     | ┢  | -   | +            | $\vdash$ | +              | <del> </del>                                     | -         |     | <u> </u>   | 96       | <del>                                      </del> | $\vdash$        |          | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ |          |              | 1   | $\vdash$ | 146        | $\vdash$   | <del>                                     </del> |          | Н          | Н             | $\vdash$  | $\dashv$      | $\dashv$ | $\dashv$ |
| -           | 47       | $\vdash$ | +            | $\vdash$   | $\vdash$  | +-           | +-       | +-             | $\vdash$   | -         |     | <u> </u>   | 97       |   | Н               | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | H        | $\vdash$     | ſ   | <b></b>  | 147        | ┢  |  |          | $\vdash$   | -             | -         |               | $\dashv$ | $\dashv$ |
|             | 48       | $\vdash$ | $\vdash$     | <del>                                     </del> | _   | +            | 1        | $\vdash$       | <del>                                     </del> | $\vdash$  |     | -  | 98       | <del>                                     </del>  | Н               | $\vdash$ | $\vdash$        | $\neg$   |          | $\dashv$ |          | _            | i   |          | 148        | $\vdash$   | $\Box$   |          | $\vdash$   | Н             |           |               | $\dashv$ | $\dashv$ |
| <b>—</b>    | 49       | <u> </u> | T            |  | Т   | $\vdash$     | $\vdash$ | +              | T  | П         |     |  | 99       | $\vdash$  | П               |          | $\Box$          | $\vdash$ | $\dashv$ |          |          | $\vdash$     | 1   |          | 149        | <del>                                     </del> |  | _        |            | Н             |           | $\Box$        | $\dashv$ | $\dashv$ |
|             | 50       | Г        | T            |  | $\vdash$  | $\vdash$     | 1        | $\dagger$      | Т  | П         |     |  | 100      |   | М               |          | $\neg$          | $\neg$   |          | $\neg$   | П        |              | 1   |          | 150        | Ι  |  |          |            | П             |           |               | $\dashv$ | $\dashv$ |
|             |          | _        |              | <u> </u>   | Щ.  | <u> </u>     | 1        | ь              |  |           | ı   |  | 55       | —   | Щ.              |          |                 |          |          |          |          | Ь——          | ,   |          |            | Ь  |  |          |            | _             |           | لــــا        |          |          |